

Program

(version 13 October 2017)

Sunday October 15th

17:30-19:00 Registration

Monday October 16th

8:30-9:30 Registration

9:30 - 10:00: Welcome address

Session 1: New Astronomies results and search for GW, HEH, FRB counterpart

10:00 - 10:30 M. Leising: Future Gamma-Ray Studies of SN Ia

10:30 - 11:00 A. Kouchner: High Energy Neutrinos

11:00 - 11:30 M. Burgay: Fast Radio Bursts

11:30 – 12:00 coffee break

12:00 - 12:30 P. von Ballmoos : Ultra-High Energy Cosmic Rays

Session 2.1 Outbursting sources: BHC, NS, AGN/Blazars

12:30 - 13:00 M. Begelman: Hyper-Eddington Accretion in Ultraluminous X-ray Pulsars

13:00 - 14:30: Lunch break

16:00 - 17:00 GW event: connection to the NSF Washington panel 1 PR
Link with Rome, Ministry of science and research (TBC)

Brainstorm session

Gravitational wave counterpart search and results:

17:00 - 17:15 V. Savchenko: Gamma-Ray emission from GW collapse

17:15 - 17:30 C. Lazzaro: Observation of Gravitational Waves

17:30 - 17:45 M. Briggs: Fermi GW Counterpart search

17:45 - 18:00 L. Piro: The GRB/GW connection actual scenario

18:00 - 18:15 J. Rodi: PICsIT-SPI-Fermi/GBM Triggered short-GRB

18:15 - 18:30 A. Kouchner: Neutrino counterpart of GW

18:30 - 18:50 L. Burderi: Hermes: High Energy Rapid Modular Ensemble of Satellites:
hunting for GW electromagnetic counterparts

19:00 - 21:00 Cocktail

17:30 end of the day

Tuesday October 17th

Session 2. Outbursting sources: BHC, NS, AGN/Blazars

9:00 - 9:30	M.Middleton:	When binaries go wild Super-Eddington accretion	(l)
9:30 - 10:00	V. Grinberg:	Spectro-timing studies reveal the central engine	(l)
10:00 - 10:20	E. Bozzo:	Latest results on Supergiant Fast X-ray Transients: the accretion environment	(o)
10:20 - 10:40	W. Hermsen:	Enigmatic results from X-ray/radio campaigns on radio mode switching pulsars	(o)
10:50 - 11:30: Coffee break			
11:30- 12:00	Jian Li:	Gamma ray binaries	(l)
12:00 - 12:30	P. Esposito:	Isolated Outbursting NS; Magnetars	(l)
12:20 - 12:40	S. Grebenev:	Multiple X-ray bursts and the model of a spreading layer of accreting matter over the neutron star surface	(o)
12:40 - 13:00			

13:00 - 14:30 Lunch break

14:30 - 15:00	A. Patruno:	LMXRB	(l)
15:00 - 15:30	T. Muñoz-Darias:	V404 Cygni: the brightest BH X-ray transient of the last 20 years	(l)
15:30 - 16:00: Coffee break			
16:00 -16:20	I. Mereminskiy:	INTEGRAL look on LMXB long-time variability: the cases of GX 3+1 and 1A1742-292	(o)
16:20 -16:40	P.G. Casella:	Multi-wavelength variability of Black Hole Transients	(o)
16:40 -17:00	M. Armas Padilla:	Broad-band X-ray analysis of neutron star LMXBs: the case of 4U 1608-52	(o)
17:00 -17:20	D. Debnath:	Study of the Spectral and Timing Properties of Transient Black Hole Candidates with TCAF	(o)
17:20 - 17:40	D. Chatterjee:	Study of the Spectral Properties and Estimation of the Mass of XTEJ118+480 with TCAF	(o)
17:40 - 18:00	A. Bhattacharjee:	The 2004 outburst of BHC H1743-322: analysis of spectral and timing properties using TCAF solution	(o)
18:00-18:30	A. Lutovinov:	HMXB: NS X-Ray binaries including SFXT	(l)
18:00 end of session			

Special event

18:30-19:00 *Patrizia Caraveo: A tribute to Nanni Bignami and Neil Gehrels*

20:00 Gala Dinner

Wednesday October 18th

Session 3: Gamma-Ray Spectroscopy

9:30 - 10:00:	A. Chieffi:	The synthesis of Al26, Fe60 and Ti44	(l)
10:00 - 10:20:	M. Pleintinger:	Al26 Emission from Massive Star Groups	(o)
10:20 - 10:40:	C. Weinberger:	Ti44 measurements in Cassiopeia A and implications for cosmic-ray acceleration	(o)
10:40 - 11:00:	S. Grebenev:	Optical emission of X-ray novae	(o)
11:00 - 11:30:	Coffee break		
11:30 - 12:00:	V. Tatischeff:	Nuclear de-excitation lines	(l)
12:00 - 12:30 T	. Siebert:	Positron annihilation throughout the Milky Way	(l)
12:30 - 12:50:	C. Kierans:	Detection of the Galactic 511 keV positron annihilation line with COSI	(o)
12:50 - 13:10:	A. Mondal:	Calculation of H and He emission line fluxes in Nova spectrae	(o)

13:10 - 14:30 Lunch break

Free afternoon

Thursday October 19th

Session 4: Accretion and Ejection: Galactic and Extragalactic

9:30 - 10:00:	A. Fabian:	AGN cut-off view, key future science	(l)
10:00 - 10:20:	F. Ursini	Where are Compton-thick radio galaxies?	(o)
10:20 - 10:40:	G. Bruni	Probing restarting activity in INTEGRAL-selected giant radio galaxies	(o)
10:40 - 11:00:	F. Panessa	Water maser emission in hard X-ray selected AGN	(o)
11:00 - 11:30: Coffee break			
11:30 - 12:00:	C. Feruglio:	Outflows in AGN	(l)
12:00 - 12:20:	M. Molina	Hunting for feeding and feedback signatures in a sample of hard X-ray selected NLS1	(o)
12:20 - 12:50:	J. Malzac:	Galactic - Extragalactic connection	(l)
13:00 - 14:30: Lunch break			
14:30 - 14:50:	A. Jana:	Disk-Jet connections in Black Holes X-Ray Binaries with TCAF Solution	(o)
14:50 - 15:10:	J. Ziolkowski:	On the mass transfer mechanism between the components of V404 Cyg /GS 2023+338 binary system	(o)
15:10 - 15:30:	M. Fionchi	Non thermal high energy emission from the clocked burster 1RXS J180408.9-342058	(o)
15:30 - 16:00: Coffee break			
16:00 - 16:30:	G. Israel:	ULX	(l)
16:30 - 16:50:	A. Bhattacharjee:	Is neutron star spectrum also an outcome of TCAF?	(o)
16:50 - 17:10:	L. Sidoli:	Are High Mass X-ray Binary classifications real? An INTEGRAL (over)vi	(o)
17:10 - 17:30:	K. Postnov:	Slowly rotating magnetized neutron stars in wind-fed HMXB	(o)
17:30 - 17:50:	V. Vybornov:	Properties of the cyclotron line energy variability in the accreting pulsar V0332+53	(o)
18:00	end of session		

Friday October 20th

Session 5: Surveys and population studies (OK)

9:00 - 9:30	M. Gilfanov:	Populations studies	(l)
9:30 - 10:00	A.J. Bird:	The Magellanic Cloud with different instrument	(l)
10:00 - 10:30	B.Trakhtenbrot:	Results from The BASS survey	(l)
10:30 - 10:50	M. Briggs:	Time Domain Astronomy with Fermi GBM in the Multimesseger Era	(o)

11:00 - 11:30: Coffee break

11:30 - 12:00:	Liu Yuan:	New HXMT Galactic results	(l)
12:00- 12:20:	R. Krivonos:	The INTEGRAL Plane science	(l)
12:20 - 13:10:	A. Bodaghee:	NuSTAR/CHANDRA regions of the G.P.	(l)

13:00 - 14:30: Lunch break

14:30 - 15:00	Claudio Ricci:	Obscuration properties of Active Galactic Nuclei	(l)
15:00 - 15:20	L. Amati:	GRBs as cosmological probes: status & perspectives	(o)

15:20 - 16:20: Concluding remarks

16:30: End of the Workshop